WHAT IS CLAIMED IS:

1.   A server for updating road information in a map information providing system for providing desired road information in accordance with a request from each of terminal units connected via a communication network to the server with road network data constructed therein, comprising:

location data receiving means for receiving present location data from said terminal unit via said communication network, and

road network data updating means for creating locus data on the basis of said present location data thus received to update said constructed road network data.

2.   A server for updating road information according to claim 1, wherein said road network updating means comprises:

a comparing/collating section for comparing/collating a locus data of said location data with said road network data; and

a road information updating section for updating said locus data as the road information if road data corresponding to said locus data has not set in said road network data on the basis of a result of comparing/collating.

3.   A server for updating road information according to claim 2, wherein said road network data updating means further comprises:

road information updating decision section for deciding said locus data as the road information to be updated if the locus data obtained by a prescribed number of terminal units have substantially the same locus.

4.   In a map information providing system for providing desired

road information from a road network site with road network data constructed therein in accordance with a request from each of terminal units connected to the network site via a communication network, a method of updating road information, comprising the steps of:

5   in said road network site,

receiving present location data from said terminal unit via a network;

creating a locus data on the basis of the received present location data; and

10   updating said road network data on the basis of said locus data.

5.   A method of updating road information according to claim 4, further comprising the steps of:

15   comparing/collating a locus data based on said location data with said road network data; and

updating said locus data as the road information if a road corresponding to said locus data is not set as said road network data on the basis of a result of comparing/collating.

20   6.   A method of updating road information according to claim 5, further comprising the step of:

deciding said locus data as the road information to be updated on the basis of comparison/collation if the locus data obtained by a prescribed number of terminal units have substantially the

25   same locus.

7.   A method for updating road information according to claim

4, wherein said map information includes node data indicative of point information on a map and link data indicative of road information on the map, and said road network site correlates these data and transmits these correlated data as road data to be updated

5 to the terminal unit according to a request therefrom.

8. A server program for a server for updating road information in a map information providing system for providing desired road information from a road network site with road network data constructed therein in accordance with a request from each of terminal

10 units connected to the network site via a communication network, comprising:

a first step of receiving present location data from said terminal unit via said communication network, and

a second step of creating locus data on the basis of said

15 present location data thus received to update said constructed road network data.

9. A server program for a server for updating road information according to claim 8, wherein said second step causes a computer to execute comprising the steps of:

20 comparing/collating a locus data of said location data with said road network data; and

updating said locus data as the road information if road data corresponding to said locus data has not set as said road network data on the basis of a result of comparing/collating.

25 10. A server program for a server for updating road information according to claim 8, wherein said second step causes a computer

to execute comprising the step of: deciding said locus data as the road information to be updated if the locus data obtained by a prescribed number of terminal units have substantially the same locus.

5   11.   A computer-readable storage medium which stores a server program for a server for updating road information in a map information providing system for providing desired road information from a road network site with road network data constructed therein in accordance with a request from each of terminal units connected

10   to the network site via a communication network, wherein said sever program causes a computer to execute

      a first step of receiving present location data from said terminal unit via said communication network, and

      a second step of creating locus data on the basis of said

15   present location data thus received to update said constructed road network data.

     12.   A computer-readable storage medium which stores a server program for a server for updating road information according to claim 11, wherein said second step comprises:

20   comparing/collating a locus data of said location data with said road network data; and

      updating said locus data as the road information if road data corresponding to said locus data has not set as said road network data on the basis of a result of comparing/collating.

25   13.   A computer-readable storage medium which stores a server program for a server for updating road information according to

claim 12, wherein said second step further comprises:

deciding said locus data as the road information to be updated if

the locus data obtained by a prescribed number of terminal units

have substantially the same locus.

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